

Abstract of the Disclosure

A device cooperating with a pump for guiding a contrast medium from a source thereof to a catheter for delivery to a patient's vascular system. The device comprises a dual check valve, a tubular member, an in-line check valve and a three-port stopcock. The dual check  
5 valve has an inlet port connectable to the source of contrast medium, an inlet-outlet port connectable to the pump, and an outlet port coupled to the tubular member. The in-line check valve is connected to the tubular member at a point spaced from the dual check valve for preventing fluid flow towards the dual check valve. The stopcock connected at a first port to the in-line check valve, a second port of the stopcock being operatively connectable to the  
10 catheter. Using this device, medical personnel infuses contrast medium into the patient from the source without having to disconnect any element from the device during the infusion process.